

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009439.D
 Acq On : 09 May 2019 19:41
 Operator : JC/SP
 Sample : K2786-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-278-280

Quant Time: May 10 08:10:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

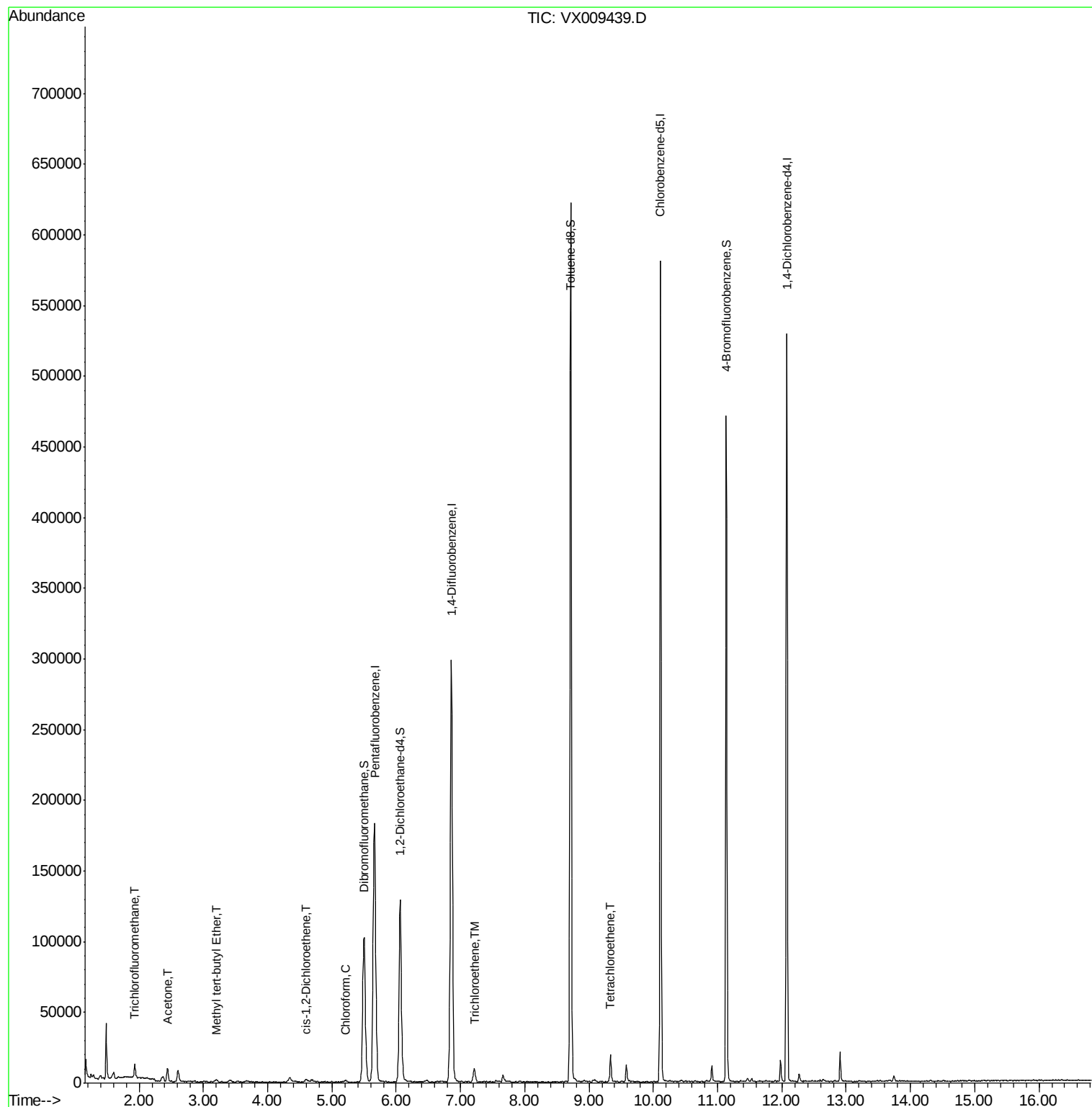
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118990	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.49	113	89175	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	360865	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	120038	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
Target Compounds						
7) Trichlorofluoromethane	1.93	101	5765	2.140	ug/l	89
16) Acetone	2.44	43	10864	8.203	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	1748	0.266	ug/l #	78
27) cis-1,2-Dichloroethene	4.60	96	1089	0.496	ug/l	91
30) Chloroform	5.21	83	1053	0.297	ug/l	91
44) Trichloroethene	7.21	130	3782	1.864	ug/l	93
64) Tetrachloroethene	9.34	164	4067	2.328	ug/l	96

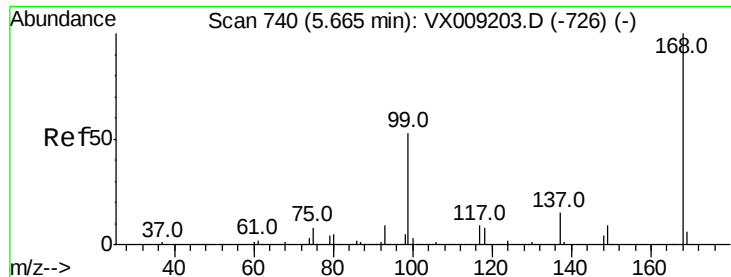
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB202-GW-278-280

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009439.D

Acq: 09 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

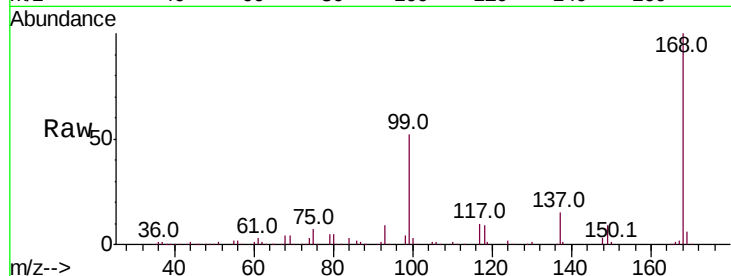
BP-VPB202-GW-278-280

Tot Ion:168 Resp: 180674

Ion Ratio Lower Upper

168 100

99 51.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

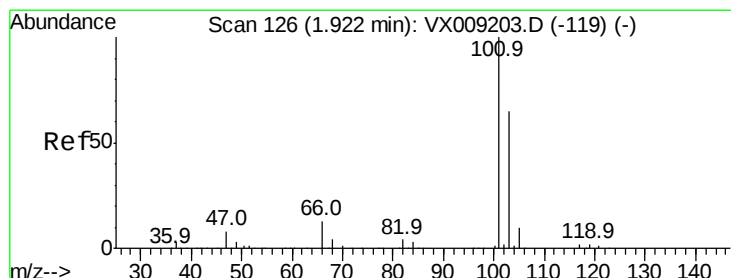
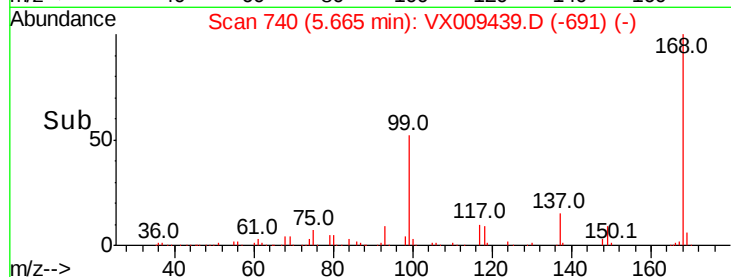
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 2.140 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX009439.D

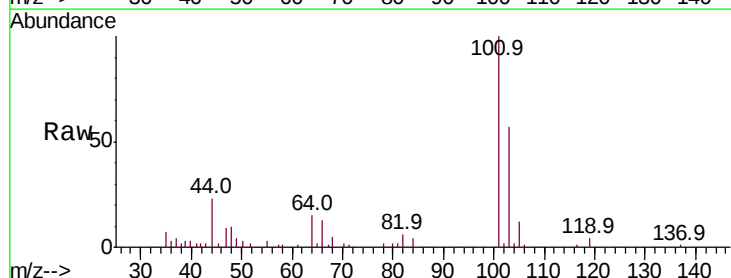
Acq: 09 May 2019 19:41

Tgt Ion:101 Resp: 5765

Ion Ratio Lower Upper

101 100

103 56.8 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

5000

4000

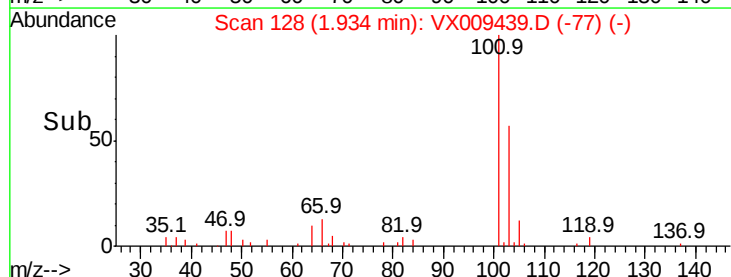
3000

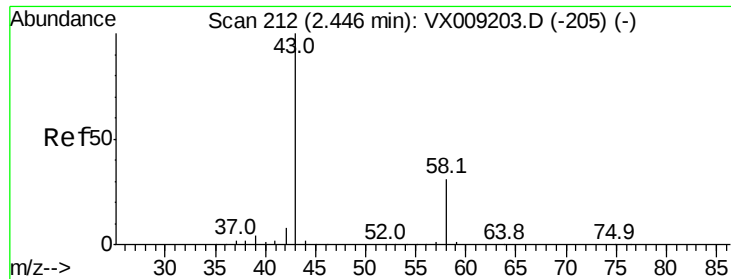
2000

1000

0

Time--> 1.90 1.95 2.00





#16

Acetone

Concen: 8.203 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009439.D

Acq: 09 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

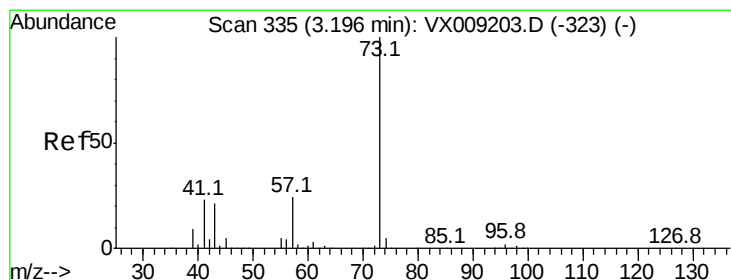
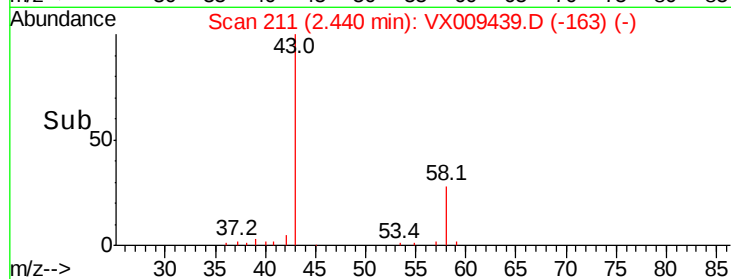
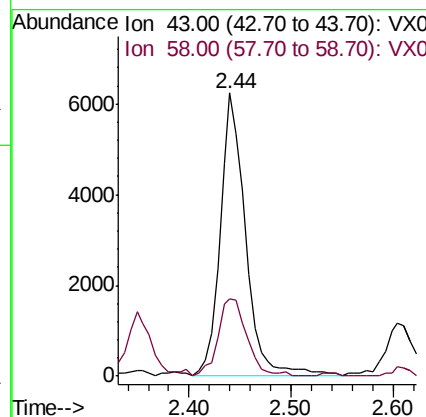
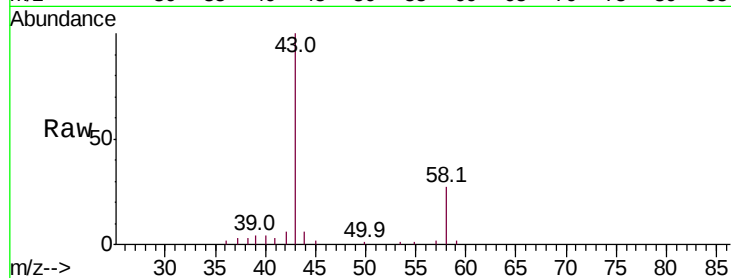
BP-VPB202-GW-278-280

Tot Ion: 43 Resp: 10864

Ion Ratio Lower Upper

43 100

58 27.2 24.9 37.3



#19

Methyl tert-butyl Ether

Concen: 0.266 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX009439.D

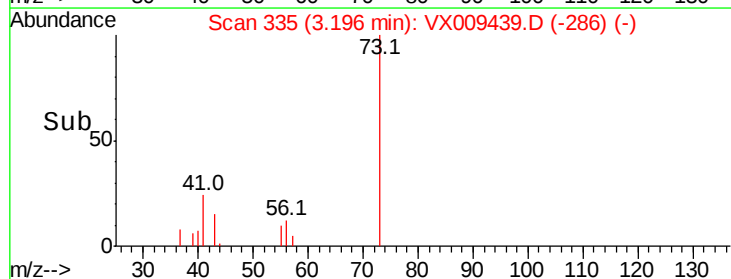
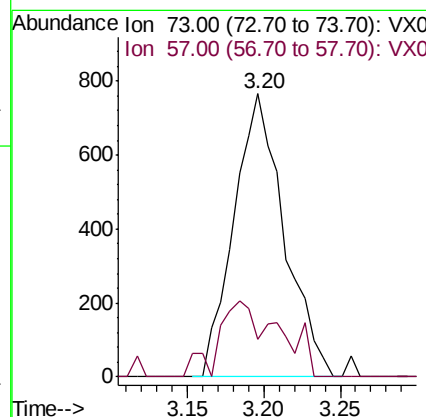
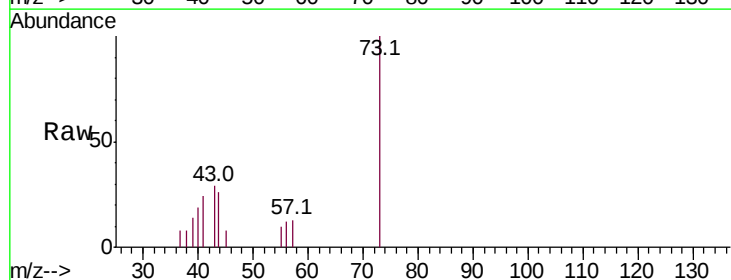
Acq: 09 May 2019 19:41

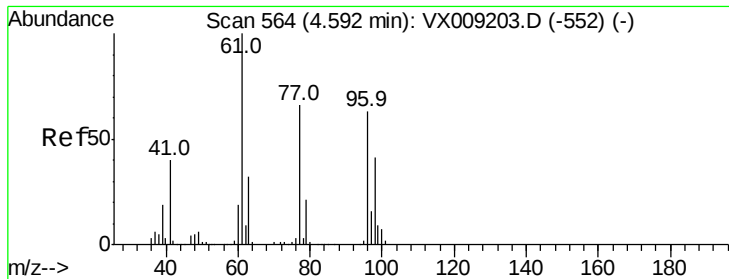
Tgt Ion: 73 Resp: 1748

Ion Ratio Lower Upper

73 100

57 13.2 19.3 28.9#



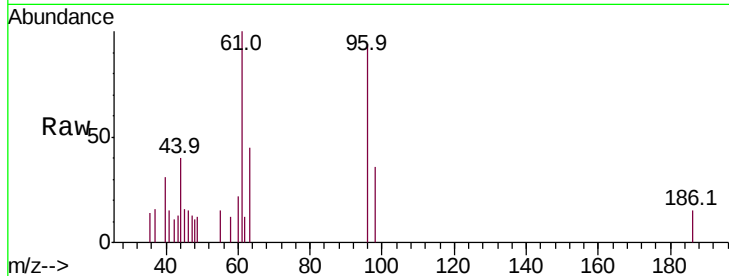


#27

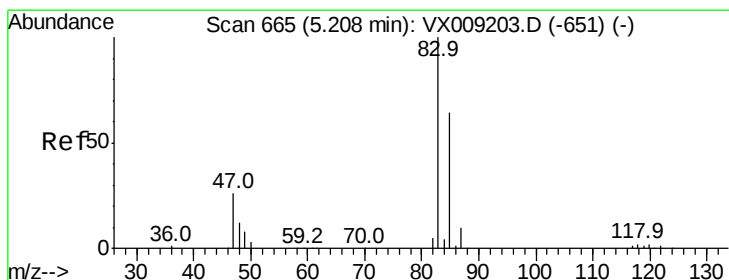
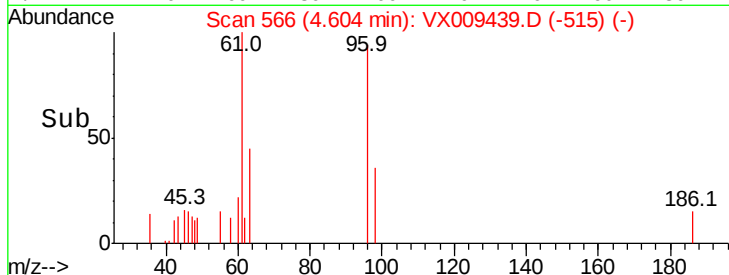
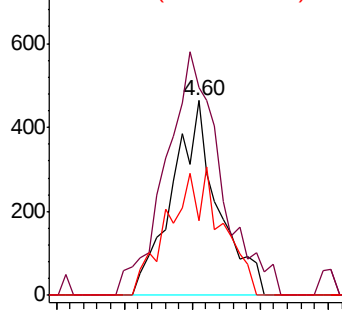
cis-1,2-Dichloroethene
 Concen: 0.496 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX009439.D
 Acq: 09 May 2019 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-278-280

Tot Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 324.0
 98 75.6 0.0 130.4



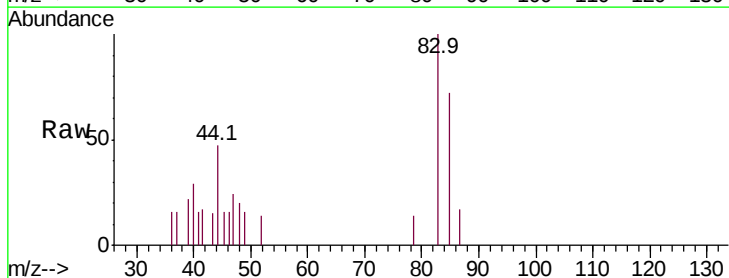
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



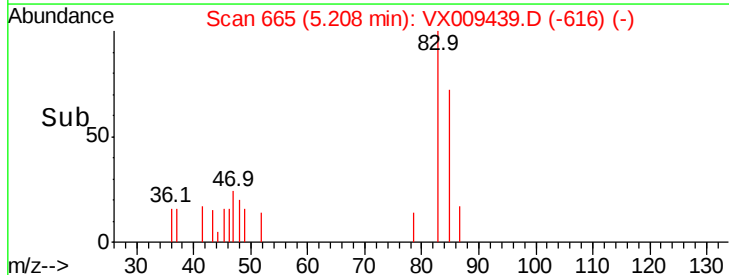
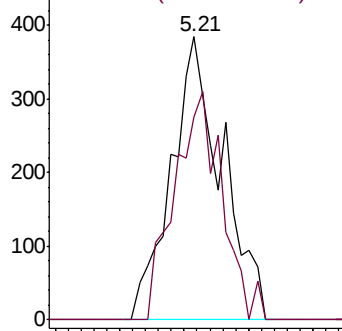
#30

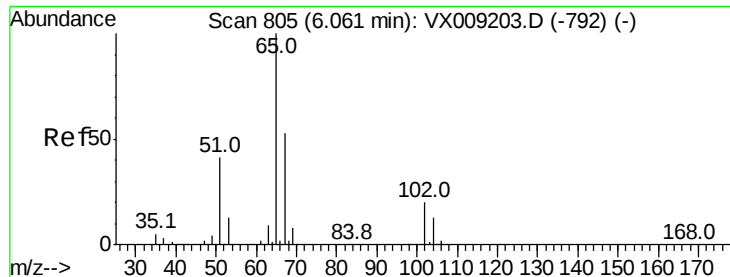
Chloroform
 Concen: 0.297 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VX009439.D
 Acq: 09 May 2019 19:41

Tgt Ion: 83 Resp: 1053
 Ion Ratio Lower Upper
 83 100
 85 71.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.244 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009439.D

Acq: 09 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

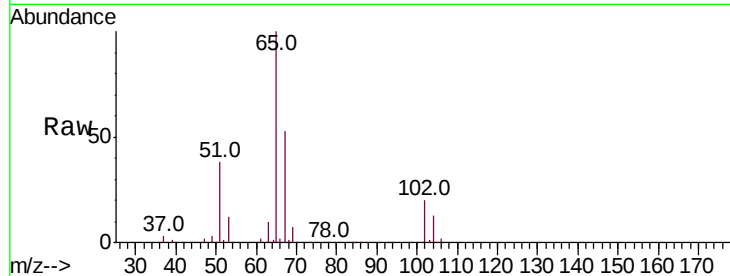
BP-VPB202-GW-278-280

Tot Ion: 65 Resp: 118990

Ion Ratio Lower Upper

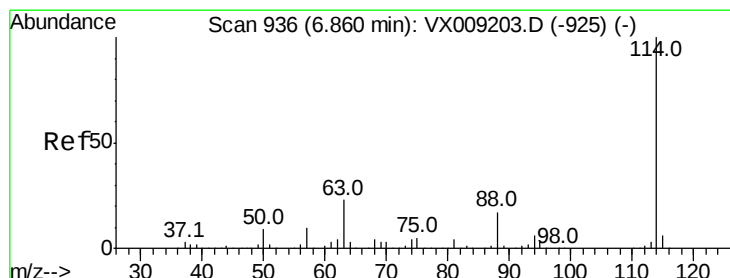
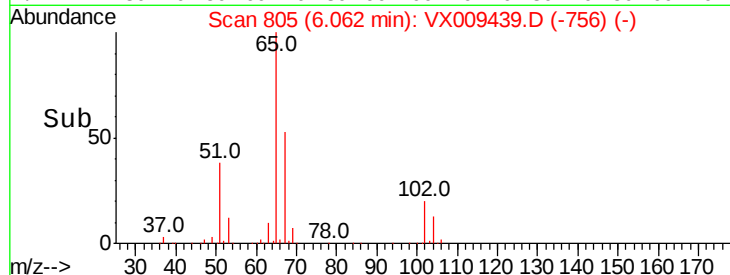
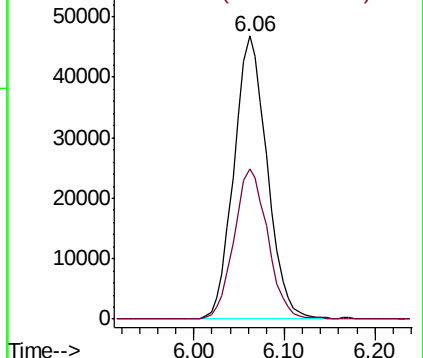
65 100

67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009439.D

Acq: 09 May 2019 19:41

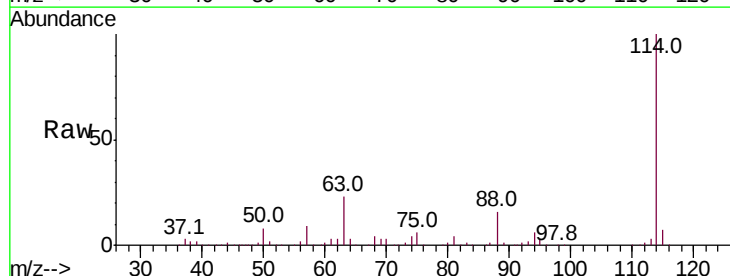
Tgt Ion: 114 Resp: 291768

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

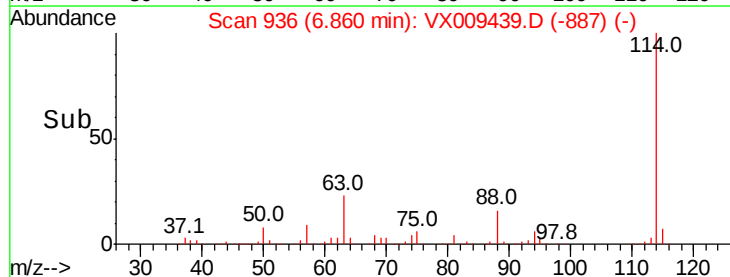
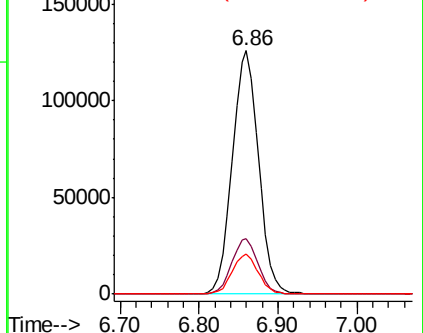
88 16.3 0.0 33.2

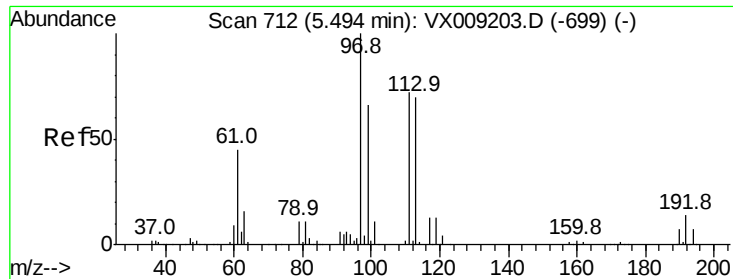


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

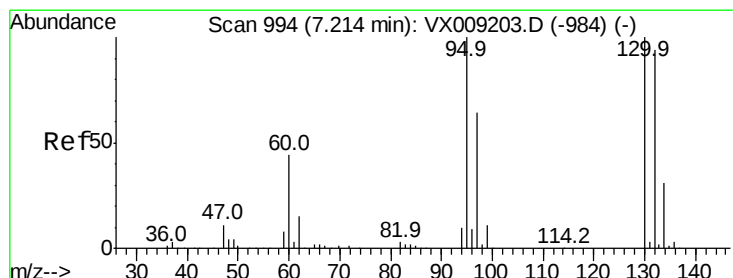
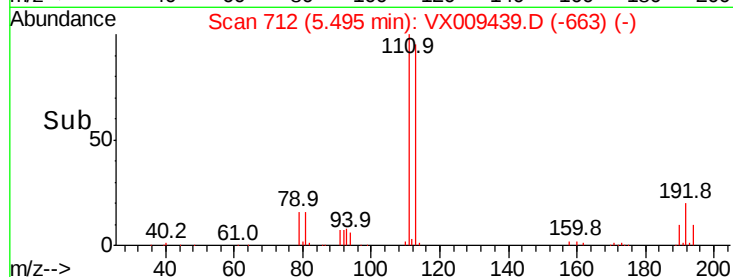
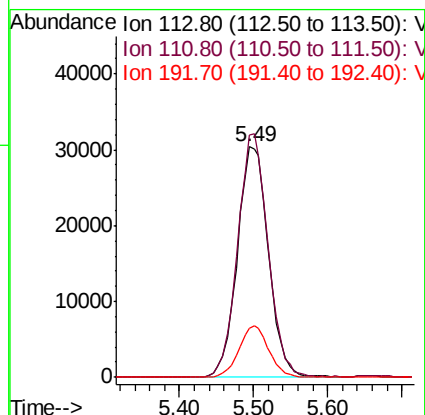
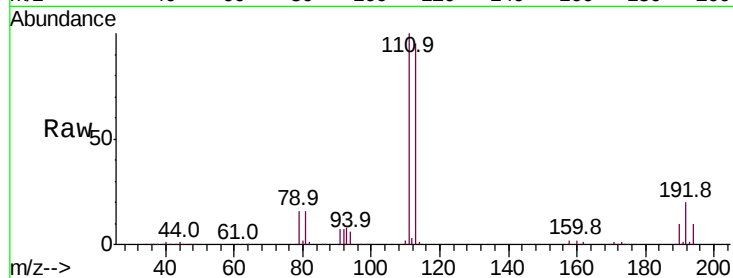




#35
 Dibromofluoromethane
 Concen: 48.619 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009439.D
 Acq: 09 May 2019 19:41

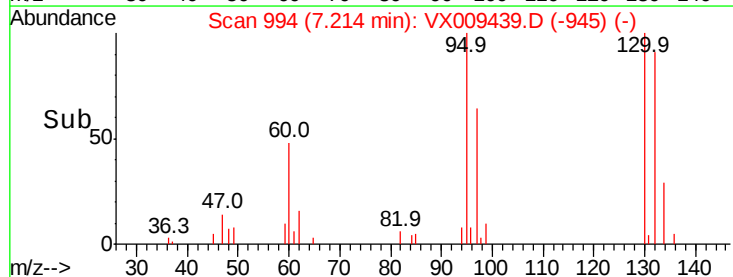
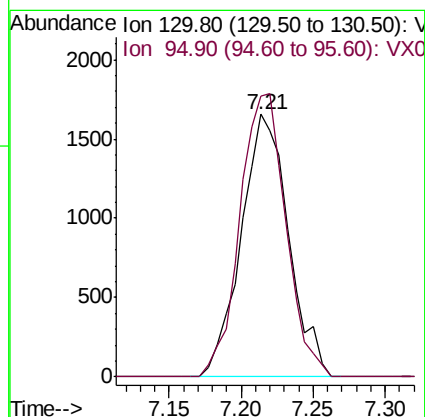
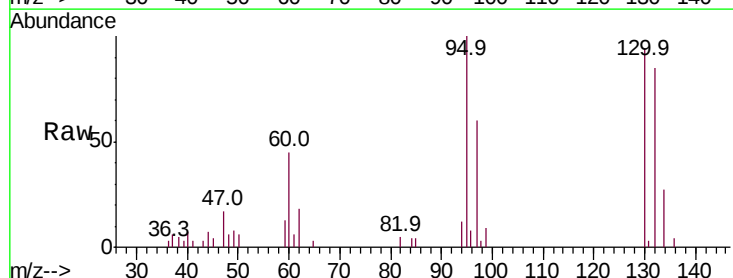
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-278-280

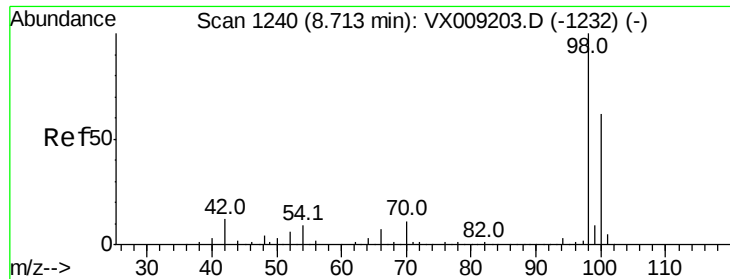
Tot Ion:113 Resp: 89175
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 21.6 17.0 25.6



#44
 Trichloroethene
 Concen: 1.864 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009439.D
 Acq: 09 May 2019 19:41

Tgt Ion:130 Resp: 3782
 Ion Ratio Lower Upper
 130 100
 95 106.6 0.0 199.2

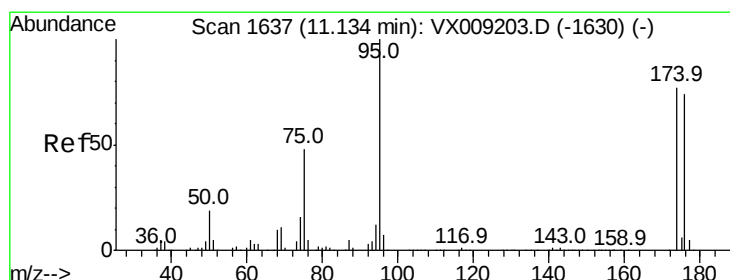
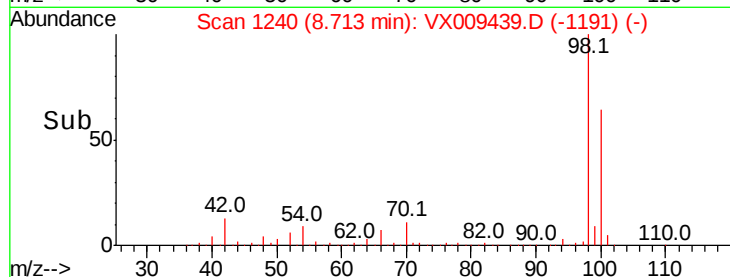
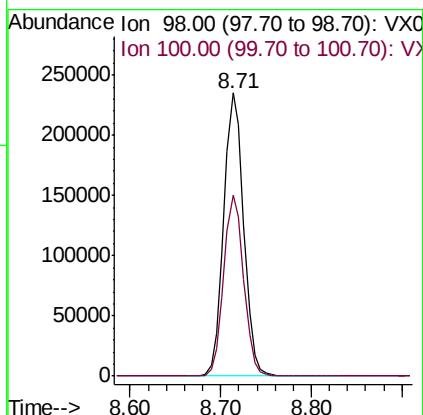
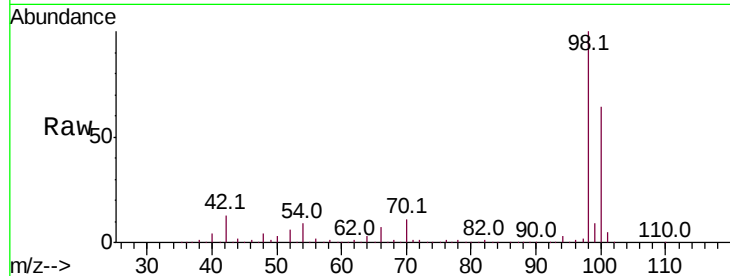




#50
Toluene-d8
Concen: 48.733 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

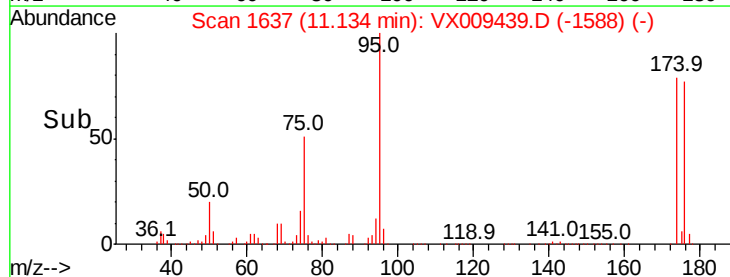
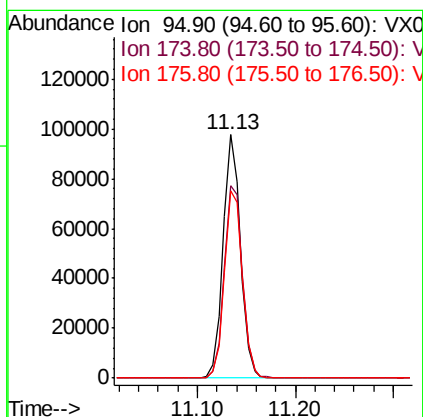
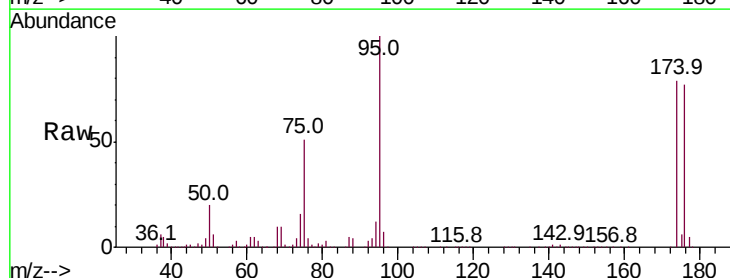
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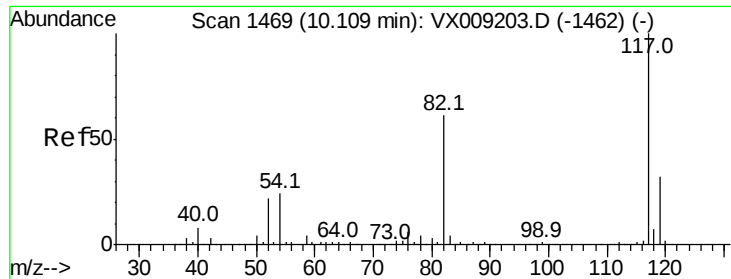
Tot Ion: 98 Resp: 360865
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.612 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 95 Resp: 120038
Ion Ratio Lower Upper
95 100
174 83.2 0.0 161.6
176 80.2 0.0 159.2

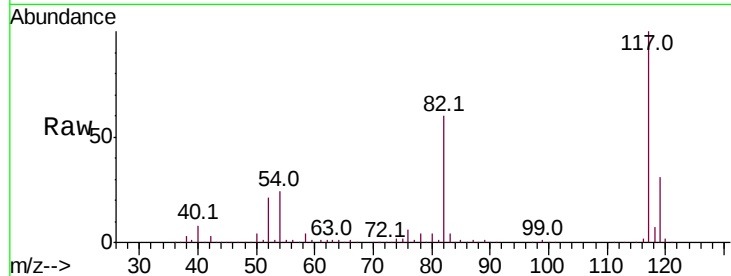




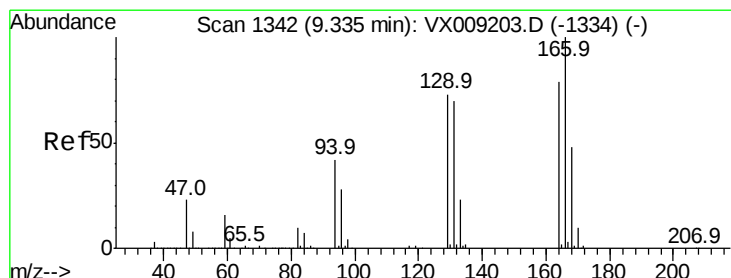
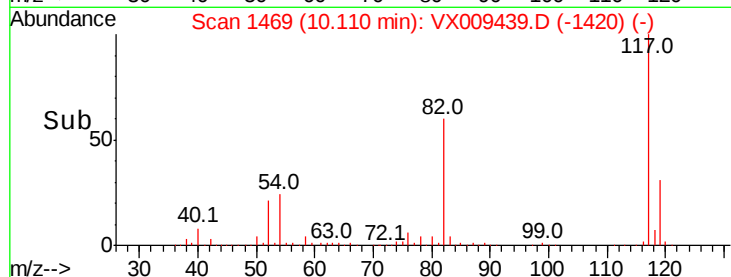
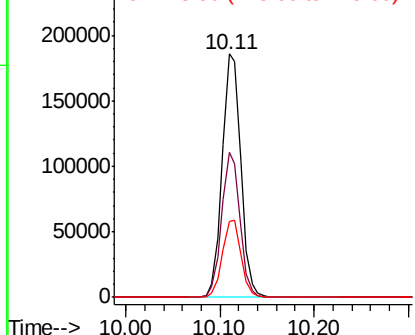
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-278-280

Tot Ion:117 Resp: 254692
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.5 25.8 38.6

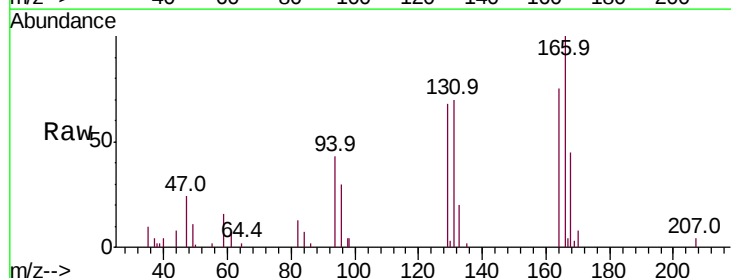


Abundance Ion 116.90 (116.60 to 117.60): V
250000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

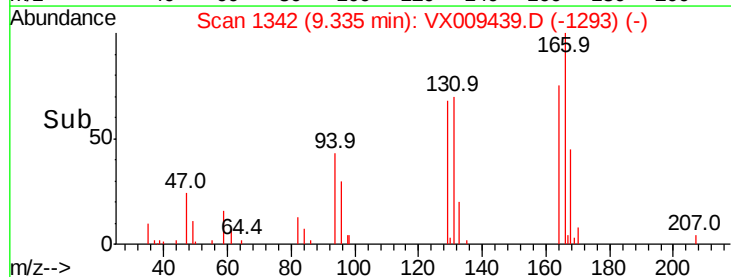
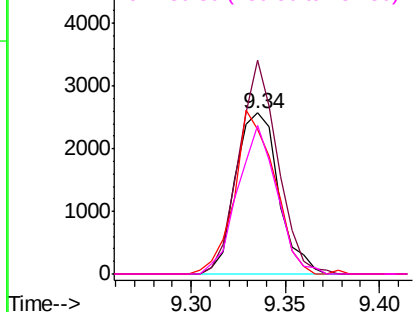


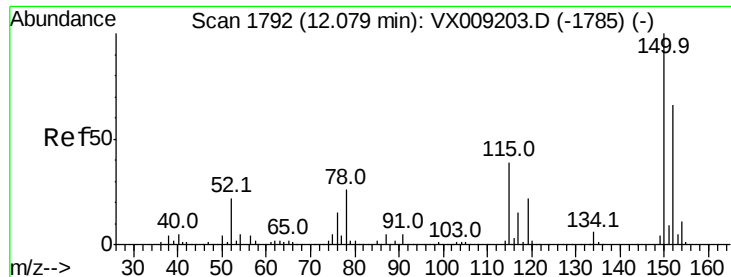
#64
Tetrachloroethene
Concen: 2.328 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion:164 Resp: 4067
Ion Ratio Lower Upper
164 100
166 132.7 101.2 151.8
129 90.3 74.3 111.5
131 92.3 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
5000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009439.D
 Acq: 09 May 2019 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-278-280

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	157.7	0.0	346.4

